



Hand activated turbine powered brush nozzle for vacuum cleaner

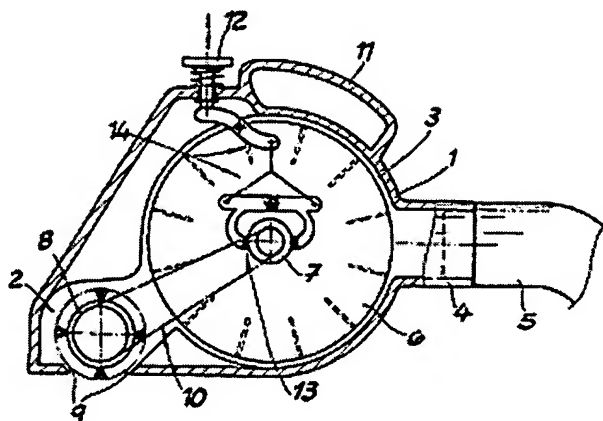
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Abstract of GB2343107

A vacuum-cleaner nozzle has a housing 1 forming a turbine compartment 3 and a brush compartment 2 and having opening into the turbine compartment an outlet 4 adapted for connection to a fan input and a slot opening 9 into the brush compartment. A brush 8 rotatable in the brush compartment has bristles projecting from the slot. A turbine 6 in the turbine compartment is oriented such that air flow from the slot to the outlet rotates the turbine. A drive or transmission 10 couples the turbine to the brush for rotating the brush when the turbine rotates. A button 12 is displaceable on the housing between an outer position and an inner position and a spring 19 urges the button into the outer position. A link 18 between the button and the drive arrests rotation of the brush on displacement of the button into the outer position. This button is remote from the slot and the housing is formed with a handle 11 adapted to be held by a hand of a user. The button is positioned immediately adjacent the handle for actuation by a finger of the hand on the handle.



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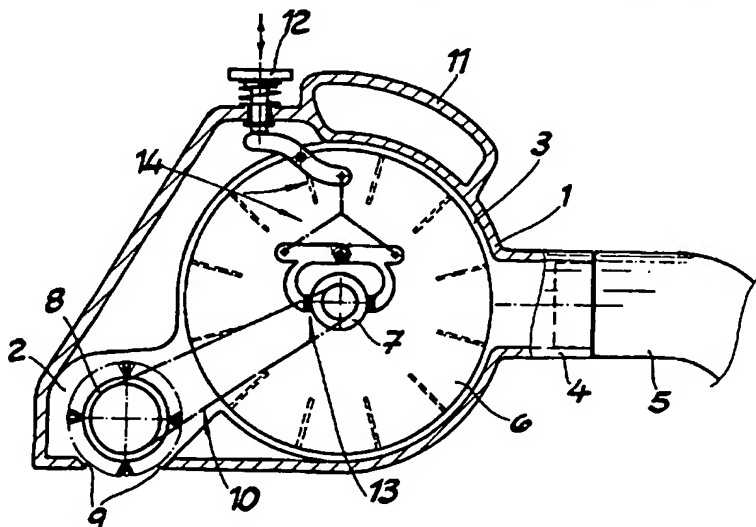
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(54) Abstract Title

Hand activated turbine powered brush nozzle for vacuum cleaner

(57) A vacuum-cleaner nozzle has a housing 1 forming a turbine compartment 3 and a brush compartment 2 and having opening into the turbine compartment an outlet 4 adapted for connection to a fan input and a slot opening 9 into the brush compartment. A brush 8 rotatable in the brush compartment has bristles projecting from the slot. A turbine 6 in the turbine compartment is oriented such that air flow from the slot to the outlet rotates the turbine. A drive or transmission 10 couples the turbine to the brush for rotating the brush when the turbine rotates. A button 12 is displaceable on the housing between an outer position and an inner position and a spring 19 urges the button into the outer position. A link 18 between the button and the drive arrests rotation of the brush on displacement of the button into the outer position. This button is remote from the slot and the housing is formed with a handle 11 adapted to be held by a hand of a user. The button is positioned immediately adjacent the handle for actuation by a finger of the hand on the handle.



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